670.5 v.91-92

2 Sections—Section 2—October 1, 1935

Twelve Months' Index to Volumes 91-92, October, 1934—September, 1935

INDIA RUBBER WORLD

BILL BROTHERS PUBLISHING CORP.
420 Lexington Avenue, New York, N. Y.

Volumes 91-92 — October, 1934, to September, 1935

PAGES

A

Absorption, Rubber ..... D 43
Lower ..... Au 58
Sound, by Rubber ..... N 36

ACCELERATORS
Choice of, for Cable Insulation *D. McQuarrie* Au 45
Inorganic Oxide, Mixed ..... Jl 78
Latex ..... Je 50, Au 29
ORGANIC
Compounding Ingredients..Ja 31, F 27, Ap 27, My 29, Au 29
Restraining Vulcanization in Rubber Manufacture *D. F. Twiss and F. A. Jones* Ma 49
Studies on Variability of Plantation Rubber..... *A. E. Warner* Au 32
Zenite ..... Ma 57
Accident Frequency Rates..... Jl 41
Accuracy of Rubber Import Statistics...Au 66
Acid, Hypochlorous, Action of, on Rubber..O 57
Sulphuric, Coagulant ..... Ja 50
ACIDS
Restraining Vulcanization in Rubber Manufacture. *D. F. Twiss and F. A. Jones* Ma 49
STEARIC, SYNTHETIC
Witco Stearite ..... Je 74
"Acticarbone" Solvent Recovery ..... O 42
Action of Hypochlorous Acid on Rubber..O 57
ACTIVATORS
Compounding Ingredients ..... Ap 27
Africa, Rubber Trade in....N 57, Ap 64, S 34
Age Resisters.....*See also Antioxidants*
Selection and Use of, in Rubber Compounds ..... *Richard A. Crawford* N 45
Age-Rite Syrup, an Antioxidant..... My 62
Aging of Rubber, Artificial..... My 50
Airplanes .....*See Aviation*
Akroflex, an Antioxidant..... O 71
Alcohols, Higher, in Rubber Compounding *W. B. Wiegand* O 45
Alloprene, Chlorinated Rubber..... O 72
America, Rubber Industry in..O 52, N 50, D 51, Ja 55, F 51, Ma 54, Ap 55, My 55, Je 55, Jl 57, Au 49, S 53
American Business Activity Since 1851.Ap 78
AMERICAN CHEMICAL SOCIETY
Binney & Smith Entertain..... My 50
Calendar ..... Ja 50
Meeting, New York..... Ma 57, Ap 50
Meetings, Future ..... Je 49
Nichols Medalist..... Ja 64, My 50
President for 1936..... Ja 64
Rhode Island Section ..... F 56
RUBBER DIVISION
Crude Rubber Committee..... Je 49
GROUP ACTIVITIES
Akron.....D 57, Ja 49, Ap 51, My 51
Boston.....D 78, Ja 49, F 46, Ap 51, My 51, Je 49
Chicago.....O 46, N 46, D 57, Ja 50, Ap 51, My 51, Je 49
Los Angeles.....N 64, D 57, Ja 49, Ap 51, Au 53
New York.....O 46, N 46, D 57, Ja 49, Ma 57, My 51, Je 49
Outing ..... Jl 59
Society of Rheology..... S 50
Meetings....O 46, Ma 57, Ap 50, My 50
Abstracts of Papers..... Ap 50
American Foreign Trade in Rubber Products..... *E. G. Holt* Ap 41
SOCIETY FOR TESTING MATERIALS
Committee D-13 ..... D 55
on Rubber Products..... Ap 57
Standing, Officers ..... O 54
Meeting, Annual.....Je 60, Jl 62
Regional ..... Ma 58
Rubber Products ..... N 54

PAGES

American Society of Mechanical Engineers D 53, 55, My 59
Andreoli, Joseph A. A. *Portrait and Sketch* D 51
Anhydrex Rubber Insulation..... Ja 60
Annals of Rubber....O 43, N 43, D 35, Ja 41, F 39, Ma 47, Ap 40, My 36, Je 42, Jl 30, Au 42
Announcement, Publisher's ..... Au 43
Anode Process, The..... Au 37
ANTIOXIDANTS
Age-Rite Syrup ..... My 62
Akroflex ..... O 71
Anti-Flexing ..... Je 50
Compounding Ingredients..Ma 31, My 32, Au 31
in Rubber ..... Jl 52
M. U. F..... O 58
ANTI-SCORCH AGENTS
Restraining Vulcanization in Rubber Manufacture. *D. F. Twiss and F. A. Jones* Ma 49
ANTISUN MATERIALS
Compounding Ingredients ..... Ap 28
Applications, Commercial, of Latex Compounds ..... N 35
Aresklene, a Lubricant..... Ma 50
Artificial Aging of Rubber..... My 50
Rubber Latex ..... S 38
Attaching Rubber to Leather..... Jl 49
Australia, Rubber Trade in..... N 57, D 62
Austria, Rubber Trade in..... N 58, D 60, My 62, Au 56, S 60
AUTOMOBILES
Code News..... Ma 57, Ap 57
Fabrics, Rubber Code News.....F 53, Je 57
Ford Cars, Rubber in..... Jl 45
Properties of Cellular Rubber for Passenger Car Cushions..... Au 25
Show, New York ..... F 43
AUTOMOTIVE RUBBERS
Uses of Rubber for Transportation *H. F. Schippel* D 27, Ja 43
AVIATION
Rubber on the Wing..... F 38
Uses of Rubber for Transportation *H. F. Schippel* D 27, Ja 43
Awakening East, The *William B. Wiegand* O 39

B

Backing, Rubber Code News.....F 53, Je 57
Badenhop, Robert..... *Portrait* D 56
Balls, Porous Rubber ..... S 41
Bargaining, Collective..*D. C. McRoberts* My 39
Batteries, Code News..O 53, N 53, F 53, Je 57
Belgium, Rubber Trade in..Ma 62, Jl 64, Au 56
Beta-Trichlorethane, a Solvent..... Ma 57
Bibliography, Rubber....O 46, N 74, D 48, Ja 50, F 46, Ma 50, Ap 80, My 51, Je 54, Jl 82, Au 46, S 50
Black, Channel, in Rubber, Dispersion of *C. R. Park and V. N. Morris* Jl 51
BLAKE, JOHN
Studies in the Vulcanization of Rubber. VI. Thermochemistry ..... F 46
Blaker, Ernest..... *Portrait and Sketch* Ma 54
BOOK REVIEWS
"Annual Survey of American Chemistry" *Edited by Clarence J. West* Je 54
"Book of A. S. T. M. Tentative Standards"....*American Society for Testing Materials* Ja 54
"Chemical Engineering Catalog," 19th Ed. ..... N 74
"Guide Book," 11th Ed..... Jl 81
"DuPrene Manual, The" ..... O 58

PAGES

BOOK REVIEWS
"Handbook of Chemistry"..... *Edited by Norbert A. Lange* D 58
"and Physics," 19th Ed.....*Charles D. Hodgman, Ed. in Chief* N 74
"Handbuch der Gesamten Kautschuktechnologie"..*Edited by Ernst A. Hauser* F 65
India Rubber Journal, Fiftieth Anniversary Number ..... Ja 54
"Industrial Fabrics"..*George B. Haven* Ma 80
"Modern Shoe Dressings"..*W. D. John* Jl 81
"Oil Palm in Malaya"..*B. Bunting, C. D. V. Georgi, and J. N. Milsum* My 78
"Practical Everyday Chemistry" *H. C. Bennett* Ja 54
"Proceedings of the Thirty-seventh Annual Meeting"..*American Society for Testing Materials* Ma 80
"Rubber" ..... D 58
"Producing Countries—1935"..... Jl 81
"Testing Experimental and Research Equipment" ..... D 58
"Science of Rubber"..... *Edited by K. Memmler* F 66
BRAZIL
Ford Plantations ..... Je 59
Tire Factory for Rio..... Ma 76, Ap 75
Bridge Planking, Rubber Paving on *W. E. Swanson* Ap 39
Brightening Properties of White Pigments in Rubber, Tinctorial or ..... My 49
BROUS, S. L., AND W. L. SEMON
Koroseal—a New Plastic..... S 45
BUILDING
Retreading..... *D. C. McRoberts* Ja 39
Bulgaria, Rubber Trade in..... Ma 62
Burke, Edmund S..... *Portrait* S 55
Burma, Higher Quota for India and..... S 62
Business Activity, 1929 to September, 1934 N 54
Since 1851, American..... Ap 78
BUXTON, G. F.
Foreman's Job, The..... Ma 39, Ap 45, My 43, Je 35, Jl 37, Au 39, S 37

C

Cable Insulation, Choice of an Accelerator for..... *D. McQuarrie* Au 45
Cables, Uncured Rubber in..... N 66
Calpar Rubber..... N 52, 66
Canada, Rubber Trade in..O 57, N 52, Ja 58, Ma 60, Ap 59, Je 64, Jl 62, 64, S 54
Canvas Footwear, Cement Attached Rubber Soled ..... Ja 47
Car, Passenger, Cushions, Properties of Cellular Rubber for....*H. E. Elden* Au 25
Street, The Silent..... D 45
CARBON BLACK
Compounding Ingredients ..... S 42
Dispersion of Channel Black in Rubber *C. R. Park and V. N. Morris* Jl 51
Granulized, Arrow Brand Compact.....O 71
Higher Alcohols in Rubber Compounding *W. B. Wiegand* O 45
Kosmobile..... D 73, Ja 58
Micronex Group, The..... Ma 58
Output, 1934 ..... Jl 42
Surface Chemistry of *Frank K. Schoenfeld* Je 50
Velvetex ..... Ap 51
CARBONS, ACTIVATED
"Acticarbone" Solvent Recovery..... O 42
CARPENTER, ARTHUR W.
Measurement of Quality in Rubber Goods by Physical Tests..... N 29, D 36
Cars, Ford, Rubber in..... Jl 45
CAWLEY, C. M., AND J. G. KING
Hydrogenation-Cracking of Rubber..... Je 50

Ja=Jan.; F=Feb.; Ma=March; Ap=April; My=May; Je=June; Jl=July; Au=August; S=Sept.; O=Oct.; N=Nov.; D=Dec.

PAGES

Cellular Rubber, Properties of, for Passenger Car Cushions.....*H. E. Elden* Au 25
Cement Attached Rubber Soled Canvas Footwear .....Ja 47
CEMENTING
Retreading .....*D. C. McRoberts* Ja 39
Cements, Rubber..*Joseph Rossman* Ja 37, F 33
CEYLON
Modern Rubber Research.....Je 31
Rubber Trade in....O 62, N 56, Ma 63, My 63, Je 64, Jl 66, S 61
Changes, Colloidal, during Rubber Vulcanization.....*Ira Williams* F 45
Channel Black in Rubber, Dispersion of *C. R. Park and V. N. Morris* Jl 51
Chemical Derivatives of Rubber.....Jl 52
Patents..O 64, N 60, D 64, Ja 66, F 62, Ma 65, Ap 66, My 66, Je 66, Jl 68, Au 60, S 63
CHEMICALS
Compounding Ingredients..Ja 31, F 27, Ma 31, Ap 27, My 29, Je 27, Jl 46, Au 29, S 42
Relation of the Dyestuff Industry to Other Industries....*Ivan Gubelmann* S 49
Chemistry...O 45, N 45, D 47, Ja 49, F 45, Ma 49, Ap 49, My 49, Je 49, Jl 51, Au 45, S 49
Surface, of Carbon Black *Frank K. Schoenfeld* Je 50
China, Rubber Trade in.....S 62
CHLORINATED RUBBERS
Alloprene .....O 72
from Latex .....O 57
Choice of an Accelerator for Cable Insulation.....*D. McQuarrie* Au 45
CHOLET, P. E.
Softened Rubber .....Ma 42
CLAYS
Compounding Ingredients .....S 42
Dixie Junior .....F 71
Coagulant, Sulphuric Acid .....Ja 50
CODES
Automobile Industry .....Ma 57
RUBBER
Classification Questioned .....O 56
Fire Hose Inquiry .....My 50
News....O 53, 55, N 53, D 56, Ja 57, F 53, Ma 57, Ap 57, My 58, Je 57
TIRE
News.....O 53, N 53, F 53, Je 57
Outlets .....*E. G. Holt* F 41
Collective Bargaining...*D. C. McRoberts* My 39
Colloidal Changes during Rubber Vulcanization.....*Ira Williams* F 45
COLORS, LATEX
Compounding Ingredients .....Au 29
Trade, Designations .....S 50
Wax .....S 49
Commercial Applications of Latex Compounds .....N 35
COMMODITY EXCHANGE, INC.
Crude Rubber Market..O 67, N 65, D 69, Ja 71, F 67, Ma 71, Ap 71, My 71, Je 71, Jl 73, Au 65, S 69
Election of Officers.....F 53
Compositions, Latex Reversible.....Au 34
COMPOUNDING
Ingredients....Ja 31, F 27, Ma 31, Ap 27, My 29, Je 27, Jl 46, Au 29, S 42
Market..O 71, N 69, D 73, Ja 75, F 71, Ma 73, Ap 73, My 73, Je 75, Jl 75, Au 67, S 73
Materials, Purchase of.....O 78
Proofing with Latex....*Royce J. Noble* O 29
Rubber, Higher Alcohols in *W. B. Wiegand* O 45
Progress, Contributors to.....*D. C. McRoberts* Je 39, Jl 31, S 30
Compounds, Latex, Commercial Applications of .....N 35
Rubber, Selection and Use of Age Resisters in.....*Richard A. Crawford* N 45
Continuous Tooth Herringbone Gears *W. E. Sykes* Ja 35
Contributors to Rubber Compounding Progress.....*D. C. McRoberts* Je 39, Jl 31, S 30
Control, Production.....*J. D. Towne* N 33
Costing, Pile Fabric Sizing.....My 51
Costs, Estate Production.....D 32
Tire, Compared with Living Costs.....My 55
in Terms of Farm Commodities....Ma 55
Cotton and Fabrics Market..O 75, N 72, D 76, Ja 78, F 76, Ma 76, Ap 76, My 76, Je 78, Jl 78, Au 70, S 76
Courts, Rubber-Paved Tennis *Allan Williams* O 38
Covered, Rubber, Suction Rolls.....N 36
COZZENS, F. R.
Saving Oil Wells with Rubber.....My 47
Cracking, Hydrogenation-, of Rubber *C. M. Cawley and J. G. King* Je 50
CRAWFORD, RICHARD A.
Selection and Use of Age Resisters in Rubber Compounds .....N 45
Crop, 1934 Rubber, The...*Leonard Smith* F 36
CRUDE RUBBER
Consumers .....Jl 57
Importers' Code .....N 53
Market....O 67, N 65, D 69, Ja 71, F 67, Ma 71, Ap 71, My 71, Je 71, Jl 73, Au 65, S 69

PAGES

Cure, Effect of, on Some Physical Properties of a High Sulphur-Rubber Mix *R. D. Nutting, Lombard Squires, and C. C. Smith* Ma 45
STABILIZERS OF
Compounding Ingredients .....Ap 27
CURING AGENTS, SECONDARY
Compounding Ingredients .....Ap 27
Retreading.....*D. C. McRoberts* Ap 43
Curodex, a Deodorizer.....O 58
Cushions, Passenger Car, Properties of Cellular Rubber for.....*H. E. Elden* Au 25
Cutting Rubber Tile....*W. E. Swanson* D 41
Czechoslovakia, Rubber Trade in....N 58, Ja 62, Ap 61

D

Daley, Frederick M.....*Sketch* Ma 62
Data, Technical, on Latex.....D 47
De Schepper Process.....Ap 64
Dealers' Stocks of Tennis Shoes in the United States, November 1, 1934.....Ja 42
Denmark, Rubber Trade in..N 58, Ja 62, Je 62
DEODORANTS
Para-Dors, New .....Au 46
Deodorization of Rubber.....Ja 46
DEODORIZERS
Curodex .....O 58
DERIVATIVES, RUBBER
Chemical, of .....Jl 52
Future Problems of Rubber *Ernst A. Hauser* Je 32
Designations, Color, Trade .....S 50
DILDINE, PAUL L.
Goodrich Educational Program.....Jl 29
Disk Plastometer, Shearing, for Unvulcanized Rubber, A.....*Melvin Mooney* Ap 49
DISPERSED INGREDIENTS
Compounding Ingredients.....Au 29, S 42
DISPERSING AGENTS
Compounding Ingredients .....Ap 29
Sperzo .....Ja 62
Dispersion of Channel Black in Rubber *C. R. Park and V. N. Morris* Jl 51
Distributers' Stocks of Waterproof Rubber Footwear in the United States, March 1, 1935 .....My 42
Tire, October 1, 1934.....D 44
April 1, 1935.....Je 43
Outlets .....*E. G. Holt* F 41
Dividends Declared..O 56, Ja 58, Ma 60, Ap 60, My 58, Je 80, Jl 74, S 72
Dixie Junior, a Clay.....F 71
Druggists' Sundries Imports Increase....Ja 57
Duphax A and B.....O 54
Dyestuff Industry, Relation of the, to Other Industries.....*Ivan Gubelmann* S 49

E

East (Far), The Awakening *William B. Wiegand* O 39
(U. S. A.), Rubber Trade in..O 53, N 53, D 55, Ja 56, F 53, Ma 57, Ap 57, My 57, Je 57, Jl 59, Au 53, S 55
Ebonite—Hard Rubber.....*A. R. Kemp and F. S. Malm* My 33, Je 45
EDITORIALS
Business Is Better .....D 46
Concerning the NRA .....Jl 50
Confidence Is Growing .....S 48
Defense of Independent Tire Dealers...O 44
Facts about Goldenrod Rubber.....N 44
For the Good of the Industry.....Jl 50
Forty-Five Years Old.....O 44
Fundamental Research .....Ap 48
Future of Rubber Chemistry, The....Ap 48
General Johnson Resigns .....N 44
Growing Use of Latex, The.....Je 48
Labor's Opportunity .....F 44
Loyalty Cannot Be Bought.....My 48
Now Is the Time to Advertise.....F 44
NRA Labor Policies Favor Employes..N 44
Panama Plantations .....S 48
Patent Rate Not Declining .....My 48
Peaceful Labor Relations? .....Au 44
President and A. F. L.....Ma 48
Progress Pays for Itself.....Au 44
Prospects Bright for 1935.....Ja 48
Rubber Labor Dispute, The.....Ja 48
Laboratories Outside of the Industry..Jl 50
Printing Plates .....D 46
Producer-Manufacturer Contact .....Je 48
Workers to Elect Representatives....D 46
Season's Compliments, The.....Ja 48
Texas Gas Conservation and Carbon Black Je 48
Thirty-Hour Week, The .....Ma 48
Tire Industry Ranks among New Industries, The .....S 48
Unemployment Insurance .....F 44
Unfamiliar Business Facts .....O 44
Wagner-Lewis Bill, The .....Ap 48
Warning to Our Readers, A.....Ma 48
What Section 7-A Says.....Ja 48
Wild Rubber—Plantation Rubber—Latex Au 44
Educational Program, Goodrich *Paul L. Dildine* Jl 29

PAGES

Effect of Cure on Some Physical Properties of a High Sulphur-Rubber Mix..*R. D. Nutting, Lombard Squires and C. C. Smith* Ma 45
Russell, of Rubber...*A. van Rossem and J. H. E. Hessels* O 45
ELDEN, H. E.
Properties of Cellular Rubber for Passenger Car Cushions.....Au 25
Engineering, Methods, in Footwear Manufacture.....*David Phillips* Je 33
Equipment, Pickling, Rubber Lined.....N 32
Retreading Shop.....*D. C. McRoberts* O 35
Estate Production Costs .....D 32
Esthonia, Rubber Trade in.....My 62
Estimated Restriction Quotas, First Quarter, 1935 .....Ja 46
Europe, Rubber Industry in..O 59, N 57, D 59, Ja 61, F 57, Ma 61, Ap 61, My 61, Je 61, Jl 63, Au 55, S 59
EVANS, R. D.
Properties of Tires Affecting Riding, Steering, and Handling.....Ma 35, Ap 31
Export Trade, U. S.....Je 68
Exports, U. S., Gain.....S 62
EXPOSITIONS
Automobile Show, Chicago .....O 56
New York.....O 53, D 55, Ja 56, F 43
Automotive Service Industries Show....N 50
Chemical Industries, Fifteenth.....Je 58
Engineering, Power and Mechanical, National, of.....O 53, D 55, Ja 57
Great Lakes Power Show and Mechanical Ap 68
Inform-a-Show .....Ap 57
Materials, Industrial, Exhibit.....N 53
Metal .....N 54
Products .....Jl 60
Rubber .....O 59
Sporting Goods Show, National..O 56, D 57
Toy Fair.....D 56, Ap 58, My 57

F

FABRICS
Automobile, Rubber Code News..F 53, Je 57
Narrow, Rubber Code News.....Je 57
Pile, Sizing, Costing.....My 51
Proofing with Latex....*Royce J. Noble* O 29
FACTICE
Duphax A and B.....O 54
FACTORY
Modern Rubber Research.....Je 31
Failures, Rubber—1934 .....My 58
FAR EAST
Awakening, The...*William B. Wiegand* O 39
Rubber Industry in....O 61, N 56, D 61, Ja 63, F 59, Ma 63, Ap 63, My 63, Je 63, Jl 65, Au 57, S 61
FEDERAL HOUSING ADMINISTRATION
Uncle Sam Wants to Help *Robert B. Smith* S 29
Financial....O 56, N 51, 66, D 52, Ja 58, F 69, Ma 60, Ap 60, My 58, Je 80, Jl 58, 74, S 72
FINANCING
Uncle Sam Wants to Help *Robert B. Smith* S 29
FINISHING
Retreading.....*D. C. McRoberts* Ap 43
Finland, Rubber Trade in.....D 60, Jl 64
Flooring, Oil Resisting .....Ap 44
"Flying Yankee," The New.....Ma 59
FOOTWEAR
Cement Attached Rubber Soled Canvas..Ja 47
Code News..O 55, Ja 58, F 53, Ma 57, Ap 57
Heels, United States Exports of.....F 43
Imports .....Ma 38
Making .....N 41
Manufacture, Methods Engineering in *David Phillips* Je 33
Shoes, Sports .....Au 54
Tennis, Dealers' Stocks of, in the United States, November 1, 1934..Ja 42
Questionnaire on .....N 40
Waterproof Rubber, Distributers' Stocks of, in the United States, March 1, 1935 .....My 42
Ford Cars, Rubber in.....Jl 45
Foreign Trade, American, in Rubber Products .....*E. G. Holt* Ap 41
Information....N 78, Ja 64, F 82, Ma 56, Ap 62, My 84, Je 84, Jl 86, Au 76
Foreman's Job, The..*G. F. Buxton* Ma 39, Ap 45, My 43, Je 35, Jl 37, Au 39, S 37
France, Rubber Trade in....N 58, Ma 61, My 62, Je 62, Jl 64, S 60
Frequency Rates, Accident.....Jl 41
Future Problems in Rubber *Ernst A. Hauser* Je 32

G

Gears, Continuous Tooth Herringbone *W. E. Sykes* Ja 35
Germany, Rubber Trade in..O 59, N 57, D 59, Ja 61, F 57, Ma 61, Ap 62, My 62, Je 62, Jl 64, Au 55, S 59
Goldenrod, Rubber from.....O 31
Goodrich Educational Program *Paul L. Dildine* Jl 29

Ja=Jan.; F=Feb.; Ma=March; Ap=April; My=May; Je=June; Jl=July; Au=August; S=Sept.; O=Oct.; N=Nov.; D=Dec.

PUBLIC LIBRARY
DETROIT MICH

PAGES

Goods, Rubber, Measurement of Quality in, by Physical Tests..*Arthur W. Carpenter* N 29, D 36
Sewing Machines for.....Ap 37
Granulized Carbon Black, Arrow Brand Compact.....O 71
Great Britain, Rubber Trade in....O 59, N 57, D 59, Ja 61, F 57, Ma 61, Ap 61, My 61, Je 61, Jl 63, Au 55, S 59
Greece, Rubber Trade in.....Jl 64
Greeting Cards, Calendars, and Souvenirs..F 54
Grinding, Rubber Roll.....D 43
GUAYULE
Calpar Rubber.....N 52, 66
Production, 1934 American.....My 75
GUBELMANN, IVAN
Relation of the Dyestuff Industry to Other Industries.....S 49

H

Handling, Plant, of Latex.....Au 35
Properties of Tires Affecting Riding, Steering, and...*R. D. Evans* Ma 35, Ap 31
Hard Rubber (Ebonite)..*A. R. Kemp and F. S. Malm* My 33, Je 45
Harper, Henry G.....*Portrait* Ap 53
Hauser, Ernst.....*Portrait* D 55
Future Problems in Rubber.....Je 32
Haynes, Charles R.....*Portrait* F 53
Health, Tire, Twelve Rules for.....Jl 43
Help, Uncle Sam Wants to *Robert B. Smith* S 29
Herbert, Joseph C.....*Sketch* Ma 60
Herringbone Gears, Continuous Tooth *W. E. Sykes* Ja 35
HESSELS, J. H. E., A. VAN ROSSEM AND Russell Effect of Rubber.....O 45
Higher Alcohols in Rubber Compounding *W. B. Wiegand* O 45
Holland, Rubber Trade in.....D 60
HOLT, E. G.
American Foreign Trade in Rubber Products.....Ap 41
How International Rubber Restriction Came About.....S 39
Tire Outlets.....F 41
Hose, Fire, Inquiry.....My 80
How International Rubber Restriction Came About.....*Everett G. Holt* S 39
Hunter, John L.....*Portrait and Sketch* My 80
Hydrogenation-Cracking of Rubber *C. M. Cawley and J. G. King* Je 50
Hypochlorous Acid on Rubber, Action of..O 57

I

Identification, Canadian Wire and Cable..Jl 64
Import Statistics, Rubber, Accuracy of..Au 66
Importers' Code, Crude Rubber.....N 53
Imports, Druggists' Sundries, Increase..Ja 57
Footwear.....Ma 38
Tire, Mexico's.....S 62
India, Rubber Trade in...Ma 63, Au 57, S 62
WORLD
Publisher's Announcement.....Au 43
Statement of.....N 78
Indo-China, Rubber Trade in.....O 62, N 64, Ap 64
Industrial Production.....N 54
Truck Tires.....My 82
Industries, Relation of the Dyestuff Industry to Other.....*Ivan Gubelmann* S 49
INDUSTRY
Accident Frequency Rates.....Jl 41
Business Activity, 1929 to September, 1934.....N 54
Since 1851, American.....Ap 78
Better, in 1935.....Ja 55
CODES, RUBBER
Classification Questioned.....O 56
Hose, Fire, Inquiry.....My 80
News....O 53, 55, N 53, D 56, Ja 57, F 53, Ma 57, Ap 57, My 58, Je 57
TIRE
News.....O 53, N 53, F 53, Je 57
Outlets.....*E. G. Holt* F 41
Collective Bargaining..*D. C. McRoberts* My 39
Dyestuff, Relation of the, to Other Industries.....*Ivan Gubelmann* S 49
Failures, Rubber—1934.....My 58
Foreman's Job, The.....*G. F. Buxton* Ma 39, Ap 48, My 43, Je 35, Jl 37, Au 39, S 37
Goodrich Educational Program *Paul L. Dildine* Jl 29
Methods Engineering in Footwear Manufacture.....*David Phillips* Je 33
Production Control.....*J. D. Towne* N 33
Industrial.....N 54
Purchase of Compounding Materials....O 78
Synthetic Rubber.....S 49
Uncle Sam Wants to Help *Robert B. Smith* S 29
Inequities, Rubber Restriction.....D 80
Ingredients, Compounding..Ja 31, F 27, Ma 31, Ap 27, My 29, Je 27, Jl 46, Au 29, S 42
Inner Tube, Self-Healing.....S 47
Inorganic Oxide Accelerators, Mixed.....Jl 78
Inquiries, Rubber Trade..O 80, D 82, Ja 62, Ap 79, Je 82, Jl 90, Au 54, S 56

PAGES

Inspection, Retreading..*D. C. McRoberts* N 37
Insulated Wire, Latex.....S 50
INSULATION
Anhydrex Rubber.....Ja 60
Cable, Choice of an Accelerator for *D. McQuarrie* Au 45
Latex.....N 67
Insulations, Rubber.....D 34
International Rubber Regulation Committee *See Restriction*
Restriction Came About, How *Everett G. Holt* S 39
Internationalism in Tire Manufacture....Ap 42
Inventory—Production—Domestic Shipments, Tire....O 62, N 66, D 70, F 68, Ma 75, Ap 79, My 82, Je 82, Jl 90, Au 76, S 80
Irish Free State, Rubber Trade in....N 67, Au 56, S 59
Iron in Rubber.....O 46
Italy, Rubber Trade in.....F 58, S 60

J

Japan, Rubber Trade in...Ap 58, Jl 65, Au 58
Jar Rings, Rubber Code News.....D 56
Job, The Foreman's..*G. F. Buxton* Ma 39, Ap 45, My 43, Je 35, Jl 37, Au 39, S 37
JONES, F. A., D. F. TWISS AND Restraining Vulcanization in Rubber Manufacture.....Ma 49
JOULE EFFECT
Rubber Pendulum, The....*W. B. Wiegand and J. W. Snyder* Ma 43

K

KEMP, A. R., AND F. S. MALM
Hard Rubber (Ebonite).....My 33, Je 45
KING, J. G., C. M. CAWLEY AND
Hydrogenation-Cracking of Rubber.....Je 50
Kitchel, Allan F.....*Portrait* Ma 58
Koroseal, New Plastic, A.....*S. L. Brous and W. L. Semon* S 45
Synthetic Rubber-like Material.....F 46
Kosmobile, a Carbon Black.....D 73, Ja 58

L

LABORATORY
Contributors to Rubber Compounding Progress..*D. C. McRoberts* Je 39, Jl 31, S 30
Modern Rubber Research.....Je 31
Laminated "Sandwiches".....O 54
Lane, F. Thatcher.....*Sketch* Ap 56
LATEX
Accelerators.....Je 50
Anode Process, The.....Au 37
Artificial Rubber.....S 38
Cements, Rubber *Joseph Rossman* Ja 37, F 33
Attaching Rubber to Leather.....Jl 49
CHEMICALS
Compounding Ingredients.....Ap 27, Au 29, S 42
Chlorinated Rubber from.....O 57
Compounds, Commercial Applications of..N 35
Costing Pile Fabric Sizing.....My 51
Cushions, Passenger Car, Properties of Cellular Rubber for..*H. E. Elden* Au 25
Future Problems in Rubber *Ernst A. Hauser* Je 32
Insulated Wire.....S 50
Laytex.....N 67
Plant Handling of.....Au 35
Proofing with.....*Royce J. Noble* O 29
Reversible Compositions.....Au 34
Surface Tension of Latex *Royce J. Noble* My 37
Technical Data on.....D 47
Latin American Tire Trade, United States Maintaining Position in.....Jl 34
Laytex.....N 67
Leather, Attaching Rubber to.....Jl 49
Legal.....Jl 58, 62
Letters from Our Readers.....O 56, N 76, D 62, F 60
Lined, Rubber, Pickling Equipment.....N 32
Linoleum, Rubber in.....Ap 51
LUBRICANT
Aresklene.....Ma 50

M

M. U. F., an Antioxidant.....O 58
MACHINERY
Patents....O 63, N 59, D 63, Ja 65, F 61, Ma 65, Ap 65, My 65, Je 65, Jl 70, Au 59, S 63
Retreading.....*D. C. McRoberts* D 33
Patents.....*Joseph Rossman* Ap 35, My 45, Je 37, Jl 35, S 35
Shop Equipment....*D. C. McRoberts* O 35
MACHINES AND APPLIANCES, NEW
Air Filter.....S 51
Airbrush, Mold Lubricating.....Je 52
Ammonia Curing Apparatus.....F 48
Applicator, Bottle Hood.....Au 47
Automatic Timing Clock.....Ma 51
Backing Sheet Rubber, Machine for....O 48
Balloon Printing Machine.....Jl 53
Bearings, Eel-Slip.....Ap 53

PAGES

MACHINES AND APPLIANCES, NEW
BELTING
Continuous Vulcanizing Machine...My 78
Bias Fabric Roll Winder.....F 59
Bicycle Tire Vulcanizer.....Ap 53
Blades, Windshield Wiper.....O 48
Bottle Hood Applicator.....Au 47
Boxes, Woodsteel Tote.....O 50
Brake, Small Solenoid Operated.....F 48
Brand, Tire, Electric.....O 49
Calender, Combination.....D 50
Shell, Improved.....Je 52
Shells.....Au 47
Caliper Gage, Electric.....Jl 54
Cast Retread Mold, Die.....Jl 53
Cement Mixer, Rubber.....Ja 51
Cleaner, Vapor Spray.....D 49
Clock, Automatic Timing.....Ma 51
Closed Lead Melting Pot.....F 49
Comb Sawing Machine.....F 49
Combination Calender.....D 50
Compound Feed Regulator, Dry.....S 51
Control, Electric, for Platen Mold Presses Au 47
Controller, Platen Mold Press.....Ja 51
Rotax.....Ja 55
Controlling, Thickness Gaging and.....Je 72
Convertible Motors.....S 52
Conveyer, Footwear.....O 47
Coupling, Flexible.....Je 52
Covers, Golf Ball.....O 48
Curing Apparatus, Ammonia.....F 48
CUTTERS
Bale, Hydraulic.....Ma 51
Band.....My 52
Rubber, Crude.....D 49
Mechanical Goods.....Je 51
Sample.....Ma 51
Tile Feature Joints.....Ap 52
Sole, Bevel-Edge.....Je 41
Washer, Small.....F 49
Cutting Press, Sheet Rubber.....O 49
Detreading Machine.....My 52
Die Cast Retread Mold.....Jl 53
Dies, Steel Rule.....Je 52
Dipping Forms, Glass.....N 48
Latex, of Fabrics.....Au 48
Machine, Improved.....O 49
Drive, Improved Tuber.....Jl 55
Dry Compound Feed Regulator.....S 51
Eel-Slip Bearings.....Ap 53
Elastic Thread.....Jl 53
Electric Caliper Gage.....Jl 54
Offset Knife.....O 50
Roll Grinder.....S 52
Tire Retreader.....Jl 56
Electrical Control for Platen Mold Presses Au 47
Electrically Operated Valves.....Ap 53
Fabric Roll Winder, Bias.....F 49
Fabrics, Latex Dipping of.....Au 48
Feed Regulator, Dry Compound.....S 51
Filter, Air.....S 51
Fire Gun.....S 51
Floor Repairs, 36-Hour.....N 47
Flow Meter.....Au 47
Fluorescence Microscope, The.....F 50
FOOTWEAR
Conveyer.....O 47
Cutter, Bevel-Edge Sole.....Je 51
Molded Outer Surface, with Rubber Shoe.....F 47 Jl 54
Shoe Pressing Apparatus.....Jl 53
Forms, Glass Dipping.....N 48
Gage, Electric Caliper.....Jl 54
Recording Absolute Pressure.....F 50
Thickness, Pocket.....Jl 56
Gaging and Controlling, Thickness.....Je 72
Gear Reducers, Motorized Helical.....F 50
Golf Ball Covers.....O 48
Winding Machine.....F 48
Grinder, Knife.....Ap 52
Roll, Electric.....S 52
Grinding Machine.....F 48
Guard, Vaporproof Portable.....Je 52
Gun, Fire.....S 51
Spray, Automatic Production.....N 48
Latex.....Ap 53
Hard Rubber Pump.....Ma 52
Head, Strainer, Improved.....Ma 51
Holder for Compound Cards.....N 47
Hood, Bottle, Applicator.....Au 47
HOSE
Fire, Flat Molded.....O 48
Machinery.....Jl 55
Vulcanizer, Small.....O 47
Vulcanizing Machine.....F 48
Hydraulic Bale Cutter.....Ma 51
Press Valve.....Je 52
Retreading Mold.....S 52
Transmission.....Jl 62
Indicator, Valve Position.....Ap 52
Joints, Rubber Tile Feature.....Ap 52
Swivel Steam.....Ja 52
Knife, Electric Offset.....O 50
Grinder.....Ap 52
Laboratory Mill.....My 52
Press.....Jl 54
Tester.....N 48
Latex Dipping of Fabrics.....Au 48
Spray Gun.....Ap 53

Ja=Jan.; F=Feb.; Ma=March; Ap=April; My=May; Je=June; Jl=July; Au=August; S=Sept.; O=Oct.; N=Nov.; D=Dec.

PAGES

MACHINES AND APPLIANCES, NEW
Lead Melting Pot, closed....F 49
Lining, Rubber Tank....Jl 56
Lubricating Airbrush, Mold....Je 52
Lubricator, Pressure....My 53
Marker, Tire....O 50
Mats from Old Tires....O 50
Melting Pot, Closed Lead....F 49
Meter, Flow....Au 47
Microscope, Fluorescence, The....F 50
Mill, Laboratory....My 52
Mixer, Portable Power....Jl 55
Rubber Cement....Ja 51
Mold Lubricating Airbrush....Je 52
Retread, Die Cast....Jl 53
Retreading, Hydraulic....S 52
Molding Process, New....Ma 52
Molds, Chromium Plated....Je 52
Motorized Helical Gear Reducers....F 50
Motors, Convertible....S 52
Needle Pyrometer....D 49
Offset Knife, Electric....O 50
Oil Seal....S 52
Patents, Interesting and Timely..O 47, F 47, Jl 53
Plasticator and Tuber....Je 51
Plate, Rubber Printing....F 47
Pocket Slide Rule....Au 47
Thickness Gage....Jl 56
Portable Power Mixer....Jl 56
Pot, Closed Lead Melting....F 49
Powder-like Rubber Compositions....F 47
Spraying Unit....O 50
Power Mixer, Portable....Jl 56
PRESSES
Cutting, Sheet Rubber....O 49
Laboratory....Jl 55
100-Ton....Ja 42
Platen Mold, Controller....Ja 51
Electrical Control for....Au 47
Valve, Hydraulic....Je 52
Pressing Apparatus, Shoe....Jl 53
Pressure Gage, Recording Absolute....F 50
Lubricator....My 53
Printing Machine, Balloon....Ja 53
Plate, Rubber....N 47
Vulcanizer....N 48
Rollers, Soft Rubber....F 47
Printweigh....N 47
Process, Molding, New....Ma 52
Pulley, Variable Speed....D 50
Pump, Hard Rubber....Ma 52
Pyrometer, Needle....D 49
Portable....Au 48
Ram Vulcanizer....S 51
Recorder, Graphic Time....D 49
Recording Absolute Pressure Gage....F 50
Reducers, Motorized Helical Gear....F 50
Reduction Units, Unique....Au 48
Reel, Knock-Down Steel....Jl 54
Regulator, Dry Compound Feed....S 51
Retread Mold, Die Cast....Jl 53
Retreader, Full Circle....Ja 51, Au 48
Tire, Electric....Jl 56
Retreading Mold, Hydraulic....S 52
Roll Grinder, Electric....S 52
Winder, Bias Fabric....F 49
Rollers, Printing, Soft Rubber....F 47
Rotax Controller....Ja 55
Rubber Sample Cutter....Ma 51
Tank Lining....Jl 56
Tensile Tester....F 49
Tile Feature Joints....Ap 52
Rule, Pocket Slide....Au 47
Sawing Machine, Comb....F 49
SCALES
Printweigh....N 47
Scrap Rubber, Powdered....My 52
Seal, Oil....S 52
Sheet Rubber Cutting Press....O 49
Shell, Calender, Improved....Je 52
Shells, Calender....Au 47
Slide Rule, Pocket....Au 47
Small Solenoid Operated Brake....F 48
Washer Cutter....F 49
Speed Pulley, Variable....D 50
Transitorq, Variable....Jl 55
Splitting Machine, Tire....Ma 52
Spray Cleaner, Vapor....D 49
Gun, Automatic Production....N 48
Latex....Ap 53
Sprayer, Portable....O 49
Spraying Unit, Powder....O 50
Stem, Valve Tire....O 49
Strainer Head, Improved....Ma 51
Switches, Explosion-Proof Safety....Ja 52
Tank Lining, Rubber....Jl 56
Telemeter, Long Distance....O 50
Tensile Tester, Rubber....F 49
Tester, Laboratory....N 48
Rubber Hardness....Ja 52
Tensile....F 49
Thickness Gage, Pocket....Jl 56
Gaging and Controlling....Je 72
Thread, Elastic....Jl 53
Making Apparatus....O 47
TIRES
Bead Wrapping Machine....Ap 53
Brand, Electric....O 49
Detreading Machine....My 52
Die Cast Retread Mold....Jl 53
Marker....O 50

PAGES

MACHINES AND APPLIANCES, NEW
TIRES
Mats from Old....O 50
Retreader, Electric....Jl 56
Full Circle....Ja 51, Au 48
Splitting Machine....Ma 52
Tyrwelder, Full Circle....My 53
Valve Stem....O 49
Vulcanizer, Bicycle Tire....Ap 53
Ram....S 51
Special....Jl 54, S 51
Tote Boxes, Woodsteel....O 50
Transitorq, Variable Speed....Jl 55
Transmission, Hydraulic....Jl 62
Trimmer, Molded Goods....My 52
Trimming Machine....D 50, Ja 51
Tuber Drive, Improved....Jl 55
Plasticator and....Je 51
Tyrwelder, Full Circle....My 53
V-Belt Machine....F 47
VALVES
Air, Two-Pressure....My 53
Base, Rubber Covered....D 50
Electrically Operated....Ap 53
Position Indicator....Ap 52
Press, Hydraulic....Je 52
Stem, Tire....O 49
Thermostatic....N 47
Vulcanizer, to Inner Tube....S 52
Variable Speed Transitorq....Jl 55
VULCANIZERS
Hose, Small....O 47
Printing Plate....N 48
Ram....S 51
Special....Jl 54, S 51
Tire, Bicycle....Ap 53
Valve to Inner Tube....S 52
Welded....Ap 52
Vulcanizing Machine, Continuous....My 78
Hose....F 48
Washer Cutter, Small....F 49
Welded Vulcanizer....Ap 52
Winder, Bias Fabric Roll....F 49
Winding Machine, Golf Ball....F 48
Wrapping Machine, Tire Bead....Ap 53
Machines, Sewing, for Rubber Goods....Ap 37
Making Footwear....N 41
MALAYA
Awakening East, The
William B. Wiegand O 39
Estate Production Costs....D 32
Rubber Trade in....O 61, N 56, D 61, Ja 64, F 59, Ma 64, Ap 64, My 64, Je 63, Jl 66, Au 57, S 62
MALM, F. S., A. R. KEMP AND
Hard Rubber (Ebonite)....My 33, Je 45
Manganese Salts in Plantation Rubber
G. A. Sackett Ma 62
Manufacture, Footwear, Methods Engineering in....*David Phillips* Je 33
Rubber, Restraining Vulcanization in
D. F. Twiss and F. A. Jones Ma 49
Tire, Internationalism in....Ap 42
MARKETS
Compounding Ingredients..O 71, N 69, D 73, Ja 75, F 71, Ma 73, Ap 73, My 73, Je 75, Jl 75, Au 67, S 73
Cotton and Fabrics....O 75, N 72, D 76, Ja 78, F 76, Ma 76, Ap 76, My 76, Je 78, Jl 78, Au 70, S 76
Crude Rubber....O 67, N 65, D 69, Ja 71, F 67, Ma 71, Ap 71, My 71, Je 71, Jl 73, Au 65, S 69
Reclaimed Rubber....O 69, N 67, D 71, Ja 73, F 78, Ma 78, Ap 75, My 75, Je 74, Jl 77, Au 72, S 71
Rubber Scrap....O 78, N 76, D 78, Ja 73, F 78, Ma 78, Ap 75, My 75, Je 73, Jl 74, Au 65, S 70
Materials, Compounding, Purchase of....O 78
Production Control....*J. D. Towne* N 33
MCQUARRIE, D.
Choice of an Accelerator for Cable Insulation....Au 45
MCROBERTS, D. C.
Collective Bargaining....My 39
Contributors to Rubber Compounding Progress....Je 39, Jl 31, S 30
Retreading....D 33, Ja 39, Ap 43
Inspection....N 37
Shop Equipment....O 35
Measurement of Quality in Rubber Goods by Physical Tests..*Arthur W. Carpenter* N 29, D 36
Mechanical Goods, Code News..N 53, Ap 57, Je 57
Methods Engineering in Footwear Manufacture....*David Phillips* Je 33
Mexico, Rubber Trade in....O 52
Tire Imports....S 62
Michaels, A. C....*Portrait* Ma 55
Micronex Group, The....Ma 58
Midwest, Rubber Trade in....O 56, N 55, D 57, Ja 58, F 54, Ma 58, Ap 58, My 59, Je 60, Jl 62, Au 54, S 54
Mix, Sulphur-Rubber, Effect of Cure on Some Physical Properties of a High
R. D. Nutting, Lombard Squires, and C. C. Smith Ma 45
Mixed Inorganic Oxide Accelerators....Jl 78
Modern Rubber Research....Je 31
Modified Rubbers, Research on....O 57

PAGES

MOONEY, MELVIN
Shearing Disk Plastometer for Unvulcanized Rubber, A....Ap 49
MORRIS, V. N., C. R. PARK AND
Dispersion of Channel Black in Rubber..Jl 51

N

NRA....*See Industry*
NATIONAL
Association of Waste Material Dealers, Inc....Ma 58, Ap 58, My 59
Battery Manufacturers Association My 56, Je 55
Industrial Conference Board....Ap 58
SAFETY COUNCIL
Accident Frequency Rates....Jl 41
Awarding of Plaque....N 55
Conference, Sixth Annual Greater New York....F 53
Report....S 54
RUBBER SECTION
News Letter....O 38, 58, 60, Ja 59
Officers....D 57
Safety Man's Job....Ap 30
Sporting Goods Distributers' Association....O 56, D 57
Nelson, Oscar....*Portrait* D 56
Netherland India, Rubber Trade in....O 61, N 56, D 61, Ja 63, F 60, Ma 64, Ap 63, My 63, Je 64, Jl 65, 82, Au 58, S 61
Neumann, R. M....*Portrait* Jl 60
Nevinol....S 58
New England, Rubber Trade in..O 55, N 51, D 53, Ja 60, F 52, Ma 59, Ap 56, My 59, 80, Je 58, Jl 58, Au 50, S 56
NEW GOODS AND SPECIALTIES
"Anode" Trusses....F 75
Automobile Seating....O 60
Bag Pump, Multi-Purpose....Ja 53
Bait, Soft Rubber....My 54
Ball, New Sponge Rubber....Jl 83
Basketball Bladder....N 49
Bath Sponge, Tub-Joy....Jl 84
Battery, Car, Improved....Au 74
Filler, Rubber....O 51
Bladder, Basketball....N 49
Bottle Closure, Rubber....Jl 84
Brush, Fountain Stencil....Ap 54
Car Battery, Improved....Au 74
Icing Hose....Au 74
Cars, Toy Rubber....Je 53
Cement, Oilproof Rubber....F 75
Cleaning Pad, Rubber....N 49
Closure, Bottle, Rubber....Jl 84
Cord, All-Rubber....Ap 54
Lamp, New, Hexacord....My 80
Doll, Rubber, Family....Ja 53
New....N 49
Drum, Rubber....Jl 84
"Elastic Woundplaster"....O 51
Fastener, Vacuum Cup Automatic Wall....Ap 54
Filler, Battery, Rubber....O 51
Fishermen's Accessories....Jl 83
Football Nose Mask....Ma 53
FOOTWEAR
Oxford, Vines Duro-Toe....Ap 54
Sandals, Sponge Rubber....Je 53
Shoe, Basketball, New....N 49
for Court Games....Ja 53
Shoes, Smart Summer....Jl 83
Fountain Stencil Brush....Ap 54
Frame Protector, Rubber....Ap 54
Glove, Electrician's....Je 53
Golf Ball Center, Dry Ice....Ma 53
Liquid....O 51
New....Ma 64
Hand Traffic Signal....Ma 53
Heat-Proof Truck Tube....Jl 84
Hexacord, New Lamp Cord....My 80
Hose, Car Icing....Au 74
Hot Water Bottle, Novel....Ap 54
Icing Hose, Car....Au 74
Inner Tube, Lifeguard....Ma 53
Kelsanite....Jl 84
Key Attachment of Rubber for Hotels, Patent....N 49
Lamp Cord, New, Hexacord....My 80
LEVELER, WATER
Rubber Battery Filler....O 51
Lithograph Transfer....O 55
Mask, Nose, Football....Ma 53
Mats, Flexible, Rubber in....Au 74
Nipples That Screw on....O 51
Oilproof Rubber Cement....F 75
Patch, Pneumatic Tire....O 51
PLASTER
"Elastic Woundplaster"....O 51
Playthings, Novel....My 54
"Pluto the Pup"....My 54
Protector, Teeth....My 54
Pump, Bag, Multi-Purpose....Ja 53
Respirator, Rubber in....My 54
Rubber in Flexible Mats....Au 74
Respirator....My 54
Seating, Automobile....O 60
Sponge, Tub-Joy Bath....Jl 84
Stem, Valve, "Super Seal"....Ja 53
Stencil Brush, Fountain....Ap 54

Ja=Jan.; F=Feb.; Ma=March; Ap=April; My=May; Je=June; Jl=July; Au=August; S=Sept.; O=Oct.; N=Nov.; D=Dec.

PAGES

NEW GOODS AND SPECIALTIES
Tape, Gold Seal ..... Ma 53
Rubber, New ..... Ja 53
Teeth Protector ..... My 54
Tire for Wagon Wheels ..... Je 53
Patch, Pneumatic ..... O 51
Toy Rubber Cars ..... Je 53
Toys, Novel Latex ..... Jl 83
Nursery Rhyme ..... Jl 83
Traffic Signal, Hand ..... Ma 53
Transfer, Lithograph ..... O 55
Tread, Triple Tempered ..... O 54
Truck Tube, Heat-Proof ..... Jl 84
Trusses, "Anode" ..... F 75
Tube, Heat-Proof Truck ..... Jl 84
Tub-Joy Bath Sponge ..... Jl 84
Umbrellas, Rubber Lined ..... Ma 53
Vacuum Cup Automatic Wall Fastener . Ap 54
Valve Stem, "Super Seal" ..... Ja 53
WATER LEVELER
Rubber Battery Filler ..... O 51
"Woundplaster, Elastic" ..... O 51
New Incorporations ..... D 52, Jl 74
Jersey, Rubber Trade in .... O 55, N 53, 55, D 54, Ja 59, F 56, Ma 56, Ap 56, My 60, Je 56, Jl 74, Au 51, S 58
Publications .... O 58, N 74, D 58, 65, 71, Ja 54, F 65, Ma 80, Ap 80, My 78, Je 54, Jl 81, Au 52
1934 Rubber Crop, The .... *Leonard Smith* F 36
NOBLE, ROYCE J.
Proofing with Latex ..... O 29
Surface Tension of Latex ..... My 37
Norway, Rubber Trade in .. O 60, My 62, S 60
NUTTING, R. D., LOMBARD SQUIRES, AND C. C. SMITH
Effect of Cure on Some Physical Properties of a High Sulphur-Rubber Mix . Ma 45

O

OBITUARY
Beiler, Anthony ..... Je 59
Binney, Edwin ..... *Portrait* Ja 59
Bowen, David R. ..... *Portrait* F 55
Buxton, Parker J. ..... Ja 59
Chisholm, Lester B. ..... Au 52
Clowar, William B. ..... *Portrait* F 55
Cobb, Henry Z. ..... *Portrait* Au 52, S 57
Cooley, Leonard B. ..... Je 59
Cummings, Frederick S. ..... F 56
Davis, J. Edwin ..... O 54, N 52
Dilzer, Francis C. ..... F 55
Dobbins, John B. ..... Ma 56
Dubosc, Andre ..... *Portrait* Jl 61
Earle, William P. ..... *Portrait* Ap 59
Eddy, Charles S. ..... N 52
Feist, Jacob G. ..... D 54
Furman, Charles H. ..... S 57
Goldner, Merwin J. ..... *Portrait* S 57
Grafton, Edwin H. ..... Je 59
Halderman, James W. ..... Jl 61
Hardman, James ..... Ma 56
Holmes, Joseph W. ..... Ma 56
Hughes, Owen ..... Au 52
Hunt, Thomas, Sr. ..... Je 59
Hursh, Robert ..... Je 59
Jacoby, Ernest ..... *Portrait* N 52, D 54
Jemison, Frank V. ..... Ap 59
Kahn, Maxwell M. ..... *Portrait* Jl 61
Kincaid, Robert A. ..... Au 52
Koons, William H. ..... F 55
Lawrence, F. W. ..... S 57
Leahy, James F. ..... Ap 59
Learned, James Henry ..... Ap 59
Little, Arthur D. ..... *Portrait* S 57
Lindley, Robert ..... S 60
Lyter, John A. ..... S 60
Martin, Harry D. ..... D 54
William C. ..... F 56
W. ..... Ap 59
McClister, Robert ..... O 57
McCrea, Jarvis S. ..... F 55
McGowan, James A. ..... My 60
McGrory, Philip ..... F 55
Midgley, Thomas ..... F 56
Nettleton, James H. ..... Ap 59
Pade, Max H. ..... D 54
Palmer, Harry A. ..... F 55
Royle, Vernon ..... *Portrait* Ja 59
Rutherford, William O. ..... *Portrait* Au 52
Service, John Charles ..... D 54
Slate, George B. ..... O 57
Spillane, Jeremiah B. ..... Jl 61
Spurr, Elizabeth A. ..... O 57
Vail, William A. ..... My 60
Van Atta, Arthur W. ..... O 57
Wall, Thomas J. ..... My 60
Wanning, Henry F. ..... *Portrait* Je 59
Wright, Donald S. ..... D 54
Ohio, Rubber Trade in .. O 52, N 50, D 51, Ja 55, F 51, Ma 54, Ap 55, My 55, Je 55, Jl 57, Au 49, S 53
OIL
Nevinol ..... S 58
Resisting Flooring ..... Ap 44
Wells, Saving, with Rubber
F. R. Cozzens My 47
Outlets, Tire ..... *E. G. Holt* F 41
Oxide Accelerators, Mixed Inorganic ..... Jl 78

PAGES

P

Pacific Coast, Rubber Trade on ..... O 57, N 52, D 53, Ja 58, Ma 60, Ap 58, S 54
Pahline, O. C. ..... *Portrait and Sketch* O 50
Paints, Rubber ..... *Joseph Rossman* O 33, N 39, D 39
Palestine, Rubber Trade in ..... D 62
PAPER
Rubber Roll Grinding ..... D 43
Para-Dors, New ..... Au 46
PARA-GRAPHS
Accelerators and Antioxidants ..... Je 47
Ultra-, and Factice ..... O 32
Acoustic Tile ..... Ja 47
Air Dried Sheet Rubber ..... N 42
Aluminum Powder Waterproofed Fabrics ..... My 32
Antioxidants, Accelerators and ..... Je 47
Antirattler for Windows ..... O 43
Anti-slip Rug Lining ..... Ma 41
Artificial Silk ..... F 37
Belt, Fan ..... F 37
Belting, Bias Cover ..... O 32
Seam Construction ..... F 37
Blankets, Printers', Non-Swelling ..... Ja 47
Carbon Black in Russia ..... F 37
Carpet Pads ..... My 32
Cement, Rubber ..... O 32
Scrap ..... O 32
Chewing Gum Base ..... F 37
Chlorinated Rubber ..... O 80
Clone Rubber Properties ..... D 40
Coating of Fibers, Latex ..... Jl 40
Spread ..... F 37
Combining Fine Fabrics ..... N 42
Combustion, Heat of ..... Ja 46
Compounds, Rubber-Sulphur, Specific Volume of ..... Ap 47
Contoured Rubber Articles ..... Ma 44
Covered Elastic Thread ..... Jl 40
Crepe Wash Cloth ..... F 37
Crinkled Surfaces ..... Au 38
Dipped Shoe Uppers ..... Je 47
Dipping, Latex ..... Je 47
Elastic Thread, Covered ..... Jl 40
Embossing Roll ..... Ap 42
Engine Mounting ..... Ja 34
Fabric, Corset, Perforated Rubberized .. Ma 41
Pile, with Patterns ..... My 32
Fabrics, Aluminum Powder Waterproofed ..... My 32
Factice, Ultra-Accelerators and ..... O 32
Fan Belt ..... F 37
Fibers, Latex Coating of ..... Jl 40
Forms, Flexible ..... Jl 40
Fur, Latex Backed ..... F 37
Glass, Laminated ..... My 44
Gloves, Surgeons' ..... N 42
Golden Rod Rubber ..... Ap 34
Grinding Wheels, Rubber Inserts for ... F 40
Gum, Chewing, Base ..... F 37
Heat of Combustion ..... Ja 46
Hose, Fire, Jackets, Mildew Proofing ... Ja 46
Impregnation, Latex, of Textile Articles ..... Ap 34
Inserts, Rubber, for Grinding Wheels .. F 40
Latex-Backed Fur ..... F 37
Coating of Fibers ..... Jl 40
Composition ..... Jl 40
Dipping ..... Je 47
Impregnation of Textile Articles .... Ap 34
Mixing for Molding ..... Au 38
Textile Finish ..... F 37
Threads, Radio-Active ..... F 40
Leather, Artificial, Making ..... O 32
Mildew Proofing Fire Hose Jackets ... Ja 46
Microporous Molded Rubber ..... Au 38
Molding, Latex Mixing for ..... Au 38
Mounting, Engine ..... Ja 34
Nail Set, Rubber Covered ..... F 37
Non-Skid Rubber Composition ..... Ja 42
Swelling Printers' Blankets ..... Ja 40
Oil-Resistant Rubber ..... My 32
Pads, Rubber Carpet ..... My 32
Patterns, Shoe, Making ..... O 32
Pen, Audible Self-Filling ..... My 32
Perforated Rubberized Corset Fabric .. Ma 41
Pile Fabric with Patterns ..... My 32
Plasticizing Agents ..... Ja 40
Police Club, Humane ..... Ma 82
Porous and Microporous Articles ..... Ap 34
Processing, Rubber, Improvement ..... O 32
Radio-Active Latex Threads ..... F 40
Reclaiming Rubber ..... O 32
Process ..... Au 38
Rubber Cements ..... D 45
Covered Nail Set ..... F 37
Manufacturing Play Sets ..... My 32
Reclaiming Process ..... Au 38
Solvent ..... Au 38
Sulphur Compounds, Specific Volume of ..... Ap 47
Rug Lining, Anti-slip ..... Ma 41
Sandal, Bathing ..... O 32
Scrap Rubber Cement ..... O 32
Screens for "Talkies" ..... F 32
Sealing Envelopes ..... O 32
Self-Contained Precision Vulcanizer .... D 40
Sheet Rubber without Milling ..... D 40
Shoe Uppers, Dipped ..... Je 47

PAGES

PARA-GRAPHS
Silk, Artificial ..... F 37
Sole, Waterproof ..... O 32
Soles, "Stick-on" Shoe ..... My 32
Solvent, Rubber ..... Au 38
Specific Volume of Rubber-Sulphur Compounds ..... Ap 47
Sponge Rubber Process ..... O 32
Spread Coating ..... F 37
Stopper, Rubber ..... O 32
Sulphur, Rubber-, Compounds, Specific Volume of ..... Ap 47
Surgeons' Gloves ..... N 42
Temperature Changes Rubber Forms .... D 40
Testing, Hot, Rubber ..... O 32
Textile Articles, Latex Impregnation of ..... Ap 34
Thread, Covered Elastic ..... Jl 40
Threads, Radio-Active Latex ..... F 40
Textile, Uniting ..... Ma 44
Tile, Acoustic ..... Ja 47
Uniting Textile Threads ..... Ma 44
Upholstery, Rubber and Hair ..... O 32
Volume, Specific, of Rubber-Sulphur Compounds ..... Ap 47
Wash Cloth, Crepe ..... F 37
Zinc Oxide ..... D 40
PARK, C. R., AND V. N. MORRIS
Dispersion of Channel Black in Rubber .. Jl 51
Passenger Car Cushions, Properties of Cellular Rubber for ..... *H. E. Elden* Au 25
Tire Sizes ..... Ap 79
PATENTS
Chemical .... O 64, N 60, D 64, Ja 66, F 62, Ma 65, Ap 66, My 66, Je 66, Jl 68, Au 60, S 63
General .... O 64, N 60, D 64, Ja 67, F 62, Ma 66, Ap 66, My 67, Je 66, Jl 68, Au 60, S 64
Machinery .... O 63, N 59, D 63, Ja 65, F 61, Ma 65, Ap 65, My 65, Je 65, Jl 67, Au 59, S 63
Interesting and Timely .. O 47, F 47, Jl 53
Process .... O 63, N 59, D 63, Ja 65, F 61, Ma 65, Ap 65, My 65, Je 65, Jl 67, Au 59, S 63
Retreading ..... *Joseph Rossman* Ap 35, My 45, Je 37, Jl 35, S 35
Trade Marks .... O 66, N 63, D 66, Ja 68, F 66, Ma 68, Ap 68, My 72, Je 68, Jl 70, Au 62, S 66
Paved, Rubber-, Tennis Courts
Allan Williams O 38
Paving, Rubber, on Bridge Planking
W. E. Swanson Ap 39
Pendulum, Rubber, The ... *W. B. Wiegand and J. W. Snyder* Ma 43
Pennex, a Salt ..... Jl 52
Philippine Islands, Exports of ..... Je 64
PHILLIPS, DAVID
Methods Engineering in Footwear Manufacture ..... Je 33
Physical Properties of a High Sulphur-Rubber Mix, Effect of Cure on Some .. *R. D. Nutting, Lombard Squires, and C. C. Smith* Ma 45
Tests, Measurement of Quality in Rubber Goods by .... *Arthur W. Carpenter* N 29, D 36
Pickling Equipment, Rubber Lined ..... N 32
PIGMENT DISPERSING AGENTS
Compounding Ingredients ..... Ap 29
Pigments, White, in Rubber, Tinctorial or Brightening Properties of ..... My 49
Pile Fabric Sizing, Costing ..... My 51
Planking, Bridge, Rubber Paving on
W. E. Swanson Ap 39
PLANNING, STOCK
Production Control ..... *J. D. Towne* N 33
Plant Handling of Latex ..... Au 35
Plantation Rubber, Manganese Salts in
G. A. Sackett Ma 62
Variability of, Studies on
A. E. Warner Au 32
Plastic, Koroseal—a New .. *S. L. Brous and W. L. Semon* S 45
Plastometer, Shearing Disk, for Unvulcanized Rubber, A ..... *Melvin Mooney* Ap 49
Plates, Printing, Poured ..... O 41
Pliofilm ..... Ja 55, F 35, Je 56
Plioweld ..... Ma 55
Poland, Rubber Trade in .... O 60, Ja 62, F 58, Ma 62, My 62, Jl 64, Au 56
Porous Rubber Balls ..... S 41
Poured Printing Plates ..... O 41
POWDERED RUBBER
De Schepper Process ..... Ap 64
Prices, Tire, Changes ..... Je 60
Up ..... D 51
War ..... My 55
Printing Plates, Poured ..... O 41
Problems, Future, in Rubber
Ernst A. Hauser Je 32
Process, Anode, The ..... Au 37
De Schepper ..... Ap 64
Patents .... O 63, N 59, D 63, Ja 65, F 61, Ma 65, Ap 65, My 65, Je 65, Jl 67, Au 59, S 63
Production Control ..... *J. D. Towne* N 33
Costs, Estate ..... D 32
Industrial ..... N 54

Ja=Jan.; F=Feb.; Ma=March; Ap=April; My=May; Je=June; Jl=July; Au=August; S=Sept.; O=Oct.; N=Nov.; D=Dec.

PAGES

Products, Rubber, American Foreign Trade in.....*E. G. Holt* Ap 41
Program, Goodrich Educational
Paul L. Dildine Jl 29
Progress, Contributors to Rubber Compounding..*D. C. McRoberts* Je 39, Jl 31, S 30
Proofers Credit Group.....N 51
PROOFING
Rubber Code News.....F 53, Je 57
with Latex.....*Royce J. Noble* O 29
Properties of Cellular Rubber for Passenger Car Cushions.....*H. E. Elden* Au 25
Tires Affecting Riding, Steering, and Handling....*R. D. Evans* Ma 35, Ap 31
Physical, of a High Sulphur-Rubber Mix, Effect of Cure on Some..*R. D. Nutting, Lombard Squires, and C. C. Smith* Ma 45
Tinctorial or Brightening, of White Pigments on Rubber.....My 49
Publications, New....O 58, N 74, D 58, 62, 71, Ja 54, F 65, Ma 80, Ap 80, My 78, Je 54, Jl 81, Au 52
Publisher's Announcement.....Au 53
Purchase of Compounding Materials....O 78

Q

Quality, Measurement of, in Rubber Goods by Physical Tests..*Arthur W. Carpenter* N 29, D 36
QUESTIONNAIRE
First and Second Quarters, 1934.....N 78
Third Quarter, 1934.....Ma 84
Fourth Quarter, 1934.....Ap 82
First Quarter, 1935.....Jl 88
Quotas, Estimated Restriction, First Quarter, 1935 .....Ja 46
Higher, for India and Burma.....S 62

R

RAILWAY EQUIPMENT
Uses of Rubber for Transportation
H. F. Schippel Ja 43
RAINWEAR
Rubber Code News.....D 56, Ma 57, Ap 57, Je 57
Rates, Accident Frequency.....Jl 41
RECLAIMED RUBBER
Code News.....Ma 57, Ap 57
Exports, and Scrap.....Au 56
Market....O 69, N 67, D 71, Ja 73, F 78, Ma 78, Ap 75, My 75, Je 74, Jl 77, Au 72, S 71
Record World Stocks.....D 70
Recovery, "Acticarbone" Solvent.....O 42
Relation of the Dyestuff Industry to Other Industries.....*Ivan Gubelmann* S 49
Reogen, a Softener.....N 64
Research on Modified Rubbers.....O 57
Rubber, Modern .....Je 31
Resin, RSL .....O 52
Rubbone .....S 50
Resinit .....F 58
Restraining Vulcanization in Rubber Manufacture...*D. F. Twiss and F. A. Jones* Ma 49
RESTRICTION
American Foreign Trade in Rubber Products .....*E. G. Holt* Ap 41
Inequities, Rubber .....D 80
International Rubber, Came About, How *Everett G. Holt* S 39
Regulation Committee .....Ma 62
Quotas, Estimated, First Quarter, 1935..Ja 46
Higher, for India and Burma.....S 62
RETARDERS
Compounding Ingredients .....Ap 27
Retreading.....*D. C. McRoberts* D 33, Ja 39, Ap 43
Inspection .....*D. C. McRoberts* N 37
Patents....*Joseph Rossman* Ap 35, My 45, Je 37, Jl 35, S 35
Shop Equipment.....*D. C. McRoberts* O 35
Reversible Compositions, Latex.....Au 34
Rhode Island Rubber Club....O 55, N 51, D 53, Ja 60, F 58, My 59, S 56
Riding, Steering, and Handling, Properties of Tires Affecting.....*R. D. Evans* Ma 35, Ap 31
Rims Approved by The Tire & Rim Association, Inc...N 80, F 69, Ma 72, My 82, S 70
Uses of Rubber for Transportation
H. F. Schippel D 27, Ja 43
Roll Grinding, Rubber.....D 43
Rolls, Suction, Rubber Covered.....N 36
ROSSMAN, JOSEPH
Retreading Patents.....Ap 35, My 45, Je 37, Jl 35, S 35
Rubber Cements .....Ja 37, F 33
Paints .....O 33, N 39, D 39
Roumania, Rubber Trade in.....N 58, Ja 62
RSL Resin .....O 52
RUBBER
Absorption .....D 43
Lower .....Au 58
Action of Hypochlorous Acid on.....O 57
Aging, Artificial, of.....My 50
Annals of....O 43, N 43, D 35, Ja 41, F 39, Ma 47, Ap 40, My 36, Je 42, Jl 30, Au 42
Antioxidants in .....Jl 52
Attaching, to Leather.....Jl 49

PAGES

RUBBER
Cars, Ford, in.....Jl 45
Cellular, Properties of, for Passenger Car Cushions.....*H. E. Elden* Au 25
Cements.....*Joseph Rossman* Ja 37, F 33
Channel Black in, Dispersion of
C. R. Park and V. N. Morris Jl 51
Chemical Derivatives of.....Jl 52
Chlorinated, from Latex.....O 57
Compounding, Higher Alcohols in
W. B. Wiegand O 45
Progress, Contributors to
D. C. McRoberts Je 39, Jl 31, S 30
Compounds, Selection and Use of Age Resisters in....*Richard A. Crawford* N 45
Covered Suction Rolls.....N 36
Crop, The 1934.....*Leonard Smith* F 36
Deodorization of .....Ja 46
Failures—1934 .....My 58
Future Problems in..*Ernst A. Hauser* Je 32
Goldenrod, from .....O 31
Goods, Measurement of Quality in, by Physical Tests.....*Arthur W. Carpenter* N 29, D 36
Sewing Machines for.....Ap 37
Hydrogenation-Cracking of.....*C. M. Cawley and J. G. King* Je 50
Import Statistics, Accuracy of.....Au 66
INDUSTRY
Accident Frequency Rates.....Jl 41
Code Classification Questioned.....O 56
News.....O 53, 55, N 53, D 56, Ja 57, F 53, Ma 57, Ap 57, My 58, Je 57
Insulation, Anhydrex .....Ja 60
Insulations .....D 34
Iron in .....O 46
Latex, Artificial .....S 38
Lined Pickling Equipment.....N 32
Linoleum, in .....Ap 51
Manufacture, Restraining Vulcanization in *D. F. Twiss and F. A. Jones* Ma 49
RUBBER MANUFACTURERS ASSOCIATION, INC.
Activities .....Jl 60
Advisory Member, I. R. R. C.....N 53
Assistant to General Manager.....D 56
Code Classification Questioned.....O 56
Hose, Fire, Inquiry.....My 80
News.....O 53, N 53, D 56, Ja 57, F 53, Ma 57, Ap 57, My 58, Je 57
Meeting .....Ja 57
Annual .....F 54
Mechanical Division .....S 58
Notes .....Au 53
Questionnaire....N 78, Ma 84, Ap 82, Jl 88
RUBBER
Mix, Sulphur-, Effect of Cure on Some Physical Properties of a High..*R. D. Nutting, Lombard Squires, and C. C. Smith* Ma 45
Modified, Research on.....O 57
Oil Wells with, Saving
F. R. Cozzens My 47
Paints....*Joseph Rossman* O 33, N 39, D 39
Patents.....O 64, N 60, D 64, Ja 67, F 62, Ma 66, Ap 66, My 67, Je 66, Jl 68, Au 60, S 64
Paved Tennis Courts...*Allan Williams* O 38
Paving, Rubber, on Bridge Planking
W. E. Swanson Ap 39
Pendulum, The.....*W. B. Wiegand and J. W. Snyder* Ma 43
Plantation, Manganese Salts in
G. A. Sackett Ma 62
Variability of, Studies on
A. E. Warner Au 32
Prices and Native Export Tax.....Jl 82
Products, American Foreign Trade in
E. G. Holt Ap 41
Research, Modern .....Je 31
Restriction Inequities .....D 80
International, Came About, How
Everett G. Holt S 39
Roll Grinding .....D 43
Russell Effect of.....*A. van Rossem and J. H. E. Hessels* O 45
Softened.....*P. E. Cholet* Ma 42
Soled Canvas Footwear, Cement Attached Ja 47
Sound Absorption by.....N 36
Tar Mixtures .....My 54
Tile Cutting.....*W. E. Swanson* D 41
Tinctorial or Brightening Properties of White Pigments in.....My 49
TRADE ASSOCIATION OF NEW YORK
Crude Rubber Importers' Code.....N 53
News .....Ma 57
New York Outside Market..O 67, N 65, D 69, Ja 71, F 68, Ma 71, Ap 71, My 71, Je 72, Jl 73, Au 66, S 69
Low and High Spot Prices, 1928 to 1934 .....F 70
Transportation, Uses of, for
H. F. Schippel D 27, Ja 43
Uncured, in Cables.....N 66
Unvulcanized, A Shearing Disk Plastometer for.....*Melvin Mooney* Ap 49
Vulcanization, Colloidal Changes during
Ira Williams F 45
of, Studies in the. VI. Thermochemistry .....*John Blake* F 46
Wing, on the.....F 38

PAGES

Rubbone .....S 50
Rules, Twelve, for Tire Health.....Jl 43
Russell Effect of Rubber....*A. van Rossem and J. H. E. Hessels* O 45
Russia .....*See Soviet Republic*

S

SACKETT, G. A.
Manganese Salts in Plantation Rubber..Ma 62
Safety Man's Job, The .....Ap 30
SALT
Pennex .....Jl 52
Salts, Manganese, in Plantation Rubber
G. A. Sackett Ma 62
"Sandwiches," Laminated .....O 54
Sanitary Specialties, Rubber Code News...Je 57
Saving Oil Wells with Rubber
F. R. Cozzens My 47
SCHIPPEL, H. F.
Uses of Rubber for Transportation..D 27, Ja 43
SCHOENFELD, FRANK K.
Surface Chemistry of Carbon Black....Je 50
Schulman, Alex .....*Portrait* Au 50
SCRAP RUBBER
Code Authorities.....O 53, Ap 58, Je 57
Exports, and Reclaim .....Au 56
Market..O 78, N 76, D 78, Ja 73, F 78, Ma 78, Ap 72, My 80, Je 73, Jl 74, Au 66, S 70
Selection and Use of Age Resisters in Rubber Compounds....*Richard A. Crawford* N 45
Self-Healing Inner Tube .....S 47
SEMON, W. L., S. L. BROUS AND
Koroseal—a New Plastic .....S 45
Sewing Machines for Rubber Goods.....Ap 37
Shearing Disk Plastometer for Unvulcanized Rubber, A.....*Melvin Mooney* Ap 49
Sheldon, Charles L...*Portrait and Sketch* Ma 59
Shop Equipment, Retreading
D. C. McRoberts O 35
Siam, Rubber Trade in.....D 62, Je 64
Silent Street Car, The .....D 45
SINGAPORE
Awakening East, The
William B. Wiegand O 39
Sizing, Pile Fabric, Costing .....My 51
SMITH, C. C., R. D. NUTTING, LOMBARD SQUIRES, AND
Effect of Cure on Some Physical Properties of a High Sulphur-Rubber Mix Ma 45
SMITH, LEONARD
1934 Rubber Crop, The.....F 36
SMITH, ROBERT B.
Uncle Sam Wants to Help.....S 29
SNYDER, J. W., W. B. WIEGAND AND
Rubber Pendulum, The .....Ma 43
Society of Automotive Engineers..D 57, My 57
Rheology .....S 50
Softened Rubber.....*P. E. Cholet* Ma 42
SOFTENERS
Compounding Ingredients .....Je 27, Jl 46
Reogen .....N 64
SOLVENTS
Beta-Trichlorethane .....Ma 57
Compounding Ingredients .....Jl 46
Recovery, "Acticarbone" .....O 42
Sound Absorption by Rubber .....N 36
South Africa, Rubber Trade in...Ap 64, S 34
(U. S. A.), Rubber Trade in..O 53, N 53, D 55, Ja 56, F 53, Ma 57, Ap 57, My 57, Je 57, Jl 59, Au 53, S 55
Soviet Republic, Rubber Trade in..O 60, D 60, F 58, My 62, Jl 64
Spain, Rubber Trade in.....Au 56, S 60
Sperzo, a Dispersing Agent.....Ja 62
SPONGE RUBBER, LATEX
Properties of Cellular Rubber for Passenger Car Cushions....*H. E. Elden* Au 25
SQUIRES, LOMBARD, AND C. C. SMITH, R. D. NUTTING
Effect of Cure on Some Physical Properties of a High Sulphur-Rubber Mix Ma 45
STABILIZERS, LATEX
Compounding Ingredients ..... Au 29
OF CURE
Compounding Ingredients .....Ap 27
STATISTICS
Argentina's Crude Rubber Imports.....S 82
Canada....N 82, Ja 82, Ap 82, My 86, Jl 86
Rubber Imports Decline in First Four Months of 1935.....Jl 82
FAR EAST
New Exports of Latex and Latex Concentrates from Malaya, Netherland East Indies, and Ceylon.....My 84
London Stocks..O 80, N 82, D 82, Ja 82, F 82, Ma 84, Ap 84, My 86, Je 84, Jl 88, Au 78, S 82
and Liverpool..O 69, N 76, D 78, Ja 72, F 75, Ma 75, Ap 75, My 75, Je 74, Jl 77, Au 72, S 71
Malaya, British, Exports and Imports..O 62, N 67, D 71, Ja 62, F 75, Ma 75, Ap 78, My 64, Je 73, Jl 76, Au 68, S 62
Rubber Manufacturers Association, Inc., Questionnaire..N 78, Ma 84, Ap 82, Jl 88
TIRE
Industrial Truck .....My 82

Ja=Jan.; F=Feb.; Ma=March; Ap=April; My=May; Je=June; Jl=July; Au=August; S=Sept.; O=Oct.; N=Nov.; D=Dec.

PAGES

STATISTICS
TIRE
Inventory—Production—Domestic Shipments..O 62, N 66, D 70, F 68, Ma 75, Ap 79, My 82, Je 82, Jl 90, Au 76, S 80
Outlets .....*E. G. Holt* F 41
Sizes, Passenger Car.....Ap 79
Stocks, Distributers', in the United States as of October 1, 1934..D 44
April 1, 1935 .....Je 43
Trade, Latin American, United States Maintaining Position in.....Jl 34
UNITED STATES
and World, of Rubber Imports, Exports, Consumption, and Stocks..O 69, N 76, D 78, Ja 72, F 75, Ma 75, Ap 75, My 75, Je 74, Jl 77, Au 72, S 71
Carbon Black Output, 1934.....Jl 42
Export Trade .....Je 68
FOOTWEAR
Heels, Exports of.....F 43
Imports .....S 80
Stocks, Dealers', of Tennis Shoes in the United States, November 1, 1934 .....Ja 42
Distributers', of Waterproof Rubber, in the United States, March 1, 1935.....My 42
Highway Summary .....Je 82
Import, Rubber, Accuracy of.....Au 66
IMPORTS
Balata by Countries, of .....F 82
Crude and Waste Rubber....O 56, N 70, D 78, Ja 73, F 80, Ap 79, My 84, Je 82, Jl 86, Au 76, S 80
Rubber by Customs Districts..O 80, N 80, D 82, Ja 82, F 82, Ma 84, Ap 82, My 86, Je 84, Jl 88, Au 78, S 82
Druggists' Sundries, Increase.....Ja 57
Footwear .....S 80
Latex....O 65, N 78, D 70, Ja 73, F 80, Ma 75, Ap 79, My 84, Je 82, Jl 86, Au 76, S 80
Questionnaire..N 78, Ma 84, Ap 82, Jl 88
Reclaimed Rubber....O 69, N 67, D 71, Ja 73, F 78, Ma 78, Ap 75, My 75, Je 74, Jl 77, Au 72, S 71
Rubber Goods Production...O 80, N 80, D 82, Ja 82, F 82, Ma 82, Ap 84, My 84, Je 84, Jl 86, Au 78, S 82
Statistics....N 82, D 82, Ja 80, F 80, Ma 84, My 86, Je 84, Jl 88, Au 78, S 82
WORLD
and United States, of Rubber Imports, Exports, Consumption, and Stocks O 69, N 76, D 78, Ja 72, F 75, Ma 75, Ap 75, My 75, Je 74, Jl 77, Au 72, S 71
Rubber Absorption (Net Imports) O 80, N 82, D 71, Ja 62, F 82, Ma 78, Ap 82, My 84, Je 82, Jl 90, Au 76, S 80
Shipments (Net Exports).....O 80, N 80, D 74, Ja 82, F 82, Ma 82, Ap 84, My 64, Je 82, Jl 90, Au 76, S 80
Stearite, Witco, Synthetic Stearic Acid..Je 74
Steering, and Handling, Properties of Tires Affecting Riding..*R. D. Evans* Ma 35, Ap 31
STOCKS
FOOTWEAR
Tennis Shoes, Dealers', of, in the United States, November 1, 1934.....Ja 42
Questionnaire on .....N 40
Waterproof Rubber, Distributers', of, in the United States, March 1, 1935..My 42
Production Control .....*J. D. Towne* N 33
Rubber, Selection and Use of Age Resisters in Compounding.....*Richard A. Crawford* N 45
Tire, Distributers', in the United States as of October 1, 1934.....D 44
April 1, 1935.....Je 43
Report Promptly .....O 54
World Record .....D 70
Street Car, The Silent.....D 45
Stroming, Fred V....*Portrait and Sketch* O 54
Studies in the Vulcanization of Rubber. VI. Thermochemistry .....*John Blake* F 46
on Variability of Plantation Rubber..*A. E. Warner* Au 32
Suction Rolls, Rubber Covered.....N 36
Sulphur-Rubber Mix, Effect of Cure on Some Physical Properties of a High.....*R. D. Nutting, Lombard Squires, and C. C. Smith* Ma 45

PAGES

Sulphuric Acid Coagulant.....Ja 50
Surface Chemistry of Carbon Black *Frank K. Schoenfeld* Je 50
Tension of Latex.....*Royce J. Noble* My 37
Swaffield, Paul N.....*Portrait and Sketch* F 52
SWANSON, W. E.
Cutting Rubber Tile.....D 41
Rubber Paving on Bridge Planking....Ap 39
Sweden, Rubber Trade in.....O 60, Jl 64
Switzerland, Rubber Trade in....Ap 58, My 62
SYKES, W. E.
Continuous Tooth Herringbone Gears...Ja 35
SYNTHETIC RUBBER
Future Problems in Rubber *Ernst A. Hauser* Je 32
Industry .....S 49
Koroseal .....F 46
New Plastic, a.....*S. L. Brous and W. L. Semon* S 45
Relation of the Dyestuff Industry to Other Industries.....*Ivan Gubelmann* S 49

T

TANKS, RUBBER LINED
Uses of Rubber for Transportation *H. F. Schippel* Ja 43
Tar, Rubber-, Mixture.....My 54
Tax, Rubber Prices and Native Rubber Export .....Jl 82
Teague, Merwyn C..*Portrait and Sketch* My 54
Technical Data on Latex.....D 47
Tennis Courts, Rubber Paved *Allan Williams* O 38
Tension, Surface, of Latex *Royce J. Noble* My 37
Tests, Physical, Measurement of Quality in Rubber Goods by....*Arthur W. Carpenter* N 29, D 36
THERMOCHEMISTRY
Studies in the Vulcanization of Rubber. VI. .....*John Blake* F 46
THICKENERS, LATEX
Compounding Ingredients .....Au 29
Tinctorial or Brightening Properties of White Pigments in Rubber.....My 49
TIRES
Code News.....O 53, N 53, F 53, Je 57
Costs Compared with Living Costs....My 55
in Terms of Farm Commodities.....Ma 55
Health, Twelve Rules for.....Jl 43
Imports, Mexico's .....S 62
Manufacture, Internationalism in.....Ap 42
Outlets.....*E. G. Holt* F 41
Price Changes .....Je 60
War .....My 55
Prices Up .....D 51
Production Control.....*J. D. Towne* N 33
Properties of, Affecting Riding, Steering, and Handling...*R. D. Evans* Ma 35, Ap 31
Retreading.....*D. C. McRoberts* D 33, Ja 39, Ap 43
Inspection.....*D. C. McRoberts* N 37
Patents.....*Joseph Rossman* Ap 35, My 45, Je 37, Jl 35, S 35
Shop Equipment....*D. C. McRoberts* O 35
Sales Increase .....My 56
Sizes, Passenger Car.....Ap 79
Stocks, Distributers', in the United States as of October 1, 1934.....D 44
April 1, 1935.....Je 43
Report Promptly .....O 54
Trade, Latin American, United States Maintaining Position in.....Jl 34
South African .....S 34
Truck, Industrial .....My 82
Uses of Rubber for Transportation *H. F. Schippel* D 27, Ja 43
Tompkins, Lucius Douglas *Portrait and Sketch* O 53
Tooth Herringbone Gears, Continuous *W. E. Sykes* Ja 35
TOWNE, J. D.
Production Control .....N 33
Townsend, Arthur F.....*Portrait* N 53
TRADE
American Foreign, in Rubber Products *E. G. Holt* Ap 41
Color Designations.....S 50
Export, U. S.....Je 68
Information, Foreign.....N 78, Ja 64, F 82, Ma 56, Ap 62, My 84, Je 84, Jl 86, Au 76
Inquiries....O 80, D 82, Ja 62, Ap 79, Je 82, Jl 90, Au 54, S 56
Marks....O 66, N 63, D 66, Ja 68, F 66, Ma 68, Ap 68, My 72, Je 68, Jl 70, Au 62, S 66

PAGES

TRADE
Tire, Latin American, United States Maintaining Position in.....Jl 34
South African .....S 34
TRAINS
New "Flying Yankee," The.....Ma 59
Rubber in B. & O.....Jl 60
Transportation, Uses of Rubber for *H. F. Schippel* D 27, Ja 43
TREAD WEAR
Properties of Tires Affecting Riding, Steering, and Handling.*R. D. Evans* Ap 31
Truck Tires, Industrial.....My 82
Turkey, Rubber Trade in.....Je 62
Twelve Rules for Tire Health.....Jl 43
TWISS, D. F., AND F. A. JONES
Restraining Vulcanization in Rubber Manufacture .....Ma 49

U

Uncle Sam Wants to Help *Robert B. Smith* S 29
Uncured Rubber in Cables.....N 66
United States Maintaining Position in Latin American Tire Trade.....Jl 34
Unvulcanized Rubber, A Shearing Disk Plastometer for.....*Melvin Mooney* Ap 49
Uruguay, Rubber Trade in.....Au 72
Use, Selection and, of Age Resisters in Rubber Compounds..*Richard A. Crawford* N 45
Uses of Rubber for Transportation *H. F. Schippel* D 27, Ja 43

V

VAN ROSSEM, A., AND J. H. E. HESSELS
Russell Effect of Rubber.....O 45
Variability of Plantation Rubber, Studies on *A. E. Warner* Au 32
Velvetex, a Carbon Black.....Ap 51
VULCANIZING
Rubber Code News.....Ap 57
VULCANIZATION
Colloidal Changes during.*Ira Williams* F 45
of Rubber, Studies in the. VI. Thermochemistry.....*John Blake* F 46
Proofing with Latex....*Royce J. Noble* O 29
Restraining, in Rubber Manufacture *D. F. Twiss and F. A. Jones* Ma 49

W

Waite, E. R.....*Portrait and Sketch* Je 60
WARNER, A. E.
Studies on Variability of Plantation Rubber .....Au 32
WATERPROOF SPECIALTIES
Rubber Code News.....Je 57
Wax Colors .....S 49
Wells, Oil, Saving, with Rubber *F. R. Cozzens* My 47
WETTING AGENTS, LATEX
Compounding Ingredients .....Au 29
WHEELS
Uses of Rubber for Transportation *H. F. Schippel* D 27, Ja 43
White Pigments in Rubber, Tinctorial or Brightening Properties of.....My 49
WIEGAND, WILLIAM B.
Awakening East, The.....O 39
Higher Alcohols in Rubber Compounding .....O 45
AND J. W. SNYDER
Rubber Pendulum, The.....Ma 43
WILLIAMS, ALLAN
Rubber-Paved Tennis Courts.....O 38
WILLIAMS, IRA
Colloidal Changes during Rubber Vulcanization .....F 45
Wing, Rubber on the.....F 38
Wire, Latex-Insulated .....S 50
Witco Stearite, Synthetic Stearic Acid...Je 74
World Stocks, Record.....D 70

Y

Yugoslavia, Rubber Trade in.....S 60

Z

Zenite, an Accelerator.....Ma 57
ZINC OXIDES
Compounding Ingredients.....My 29, Jl 46

Ja=Jan.; F=Feb.; Ma=March; Ap=April; My=May; Je=June; Jl=July; Au=August; S=Sept.; O=Oct.; N=Nov.; D=Dec.

"The Science of Rubber"

("Handbuch der Kautschukwissenschaft") Edited by K. Memmler. Authorized English translation edited by R. F. Dunbrook, Ph.D., V. N. Morris, Ph.D., of the Firestone Tire & Rubber Co.'s research staff.

Cloth, 770 pages, 6 by 9½ inches. Illustrated with 213 figures in the text and 4 color plates. Author and subject indices. Bibliography.

Price $15.00 Postpaid.

Gottlob's "Technology of Rubber"

A useful handbook which gives authentic information on the leading phases and processes of rubber chemistry and manufacturing. Cloth, 350 pages, 7 by 9½ inches. Illustrated. Indexed.

Price $12.50 Postpaid.

"Rubber—Physical and Chemical Properties"

By T. R. DAWSON, M.SC., F.I.C., F.I.R.I., and B. D. PORRITT, M.SC., F.I.C., &C.

A Technical Handbook produced by the cooperation of The Rubber Growers' Association, Inc., and The Research Association of British Rubber Manufacturers.

Cloth, 700 pages, 8½ by 11 inches.

Price $12.50 Postpaid.

"My World Trip 1934-1935"

By DR. E. A. HAUSER,

Professor at the Massachusetts Institute of Technology, Cambridge, Mass., U. S. A.

Pamphlet in English, French and German.

Price $1.00 Postpaid.

"Latex–Its Occurrence, Collection, Properties and Technical Applications"

By DR. E. A. HAUSER, Ph.D.,

with Patent Review by C. B. Von Boernegg, Ph.D.
Translated by W. J. Kelly, Ph.D.

Price $4.00 Postpaid.

Cloth, 6 by 9 inches, 201 pages. Illustrated. Indexes.

Above books will be sent postpaid on receipt of remittance.

INDIA RUBBER WORLD

420 Lexington Avenue — New York, N. Y.